

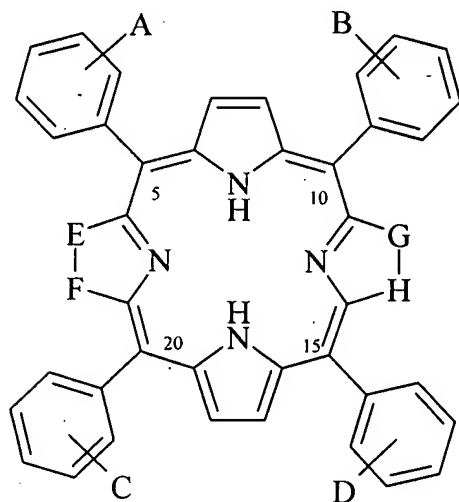
AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions,  
and listings, of claims in the application:

LISTING OF CLAIMS:

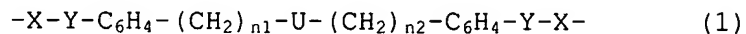
1-19. (canceled)

20. (currently amended) A compound corresponding to the  
following general formula (I):



wherein:

when A forms a chain with C (A-C chain) of formula (1),



then B forms a chain with D (B-D chain) of formula (1), said A-C  
chain and B-D chain, being situated independently of one another,  
above ( $\alpha$  position) or below ( $\beta$  position) the porphyrin macrocycle  
plane, or

when A forms a chain with D (A-D chain) of formula (1), then B forms a chain with C (B-C chain) of formula (1), wherein one of said A-D chain or B-C chain is situated above ( $\alpha$  position) the porphyrin macrocycle plane, and the other A-D chain or B-C chain, is situated below ( $\beta$  position) the porphyrin macrocycle plane,

and wherein:

. when X represents NH, O, CO or CH<sub>2</sub>, Y represents respectively CO, CH<sub>2</sub>, NH, or O,

. n<sub>1</sub> and n<sub>2</sub>, each independently of one another represent 1, 2, or 3,

. U represents a group of C(Z,W) or N(CHR<sub>a</sub>-COOR<sub>b</sub>), in which

. Z represents:

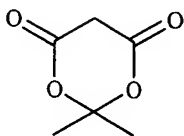
an electroattractive group, ~~such as~~ CN, NO<sub>2</sub>, or CO<sub>2</sub><sup>-</sup>, or

a CH<sub>2</sub>NR<sub>1</sub>R<sub>2</sub> group, in which R<sub>1</sub> and R<sub>2</sub> represent, independently of one another, H, or a linear, branched, or cyclic alkyl group, with 1 to 8 carbon atoms, or an aryl or alkylaryl group, or ~~a specific~~ an antibody linked to the CH<sub>2</sub>N part of said CH<sub>2</sub>NR<sub>1</sub>R<sub>2</sub> group via a spacer, or

an aryl group substituted by an SO<sub>3</sub>R<sub>3</sub>, SO<sub>2</sub>R<sub>3</sub>, p-NO<sub>2</sub> or o-NO<sub>2</sub> function, in which R<sub>3</sub> represents H, or a cation chosen from the alkali metals, or R<sub>3</sub> represents an NR<sub>4</sub>R<sub>5</sub> group in which R<sub>4</sub> and R<sub>5</sub> represent, independently of one another, a linear, branched, or cyclic alkyl group, with 1 to 8 carbon atoms, or R<sub>3</sub> represents a para-nitro aryl group,

. W represents a  $\text{CO}_2^-$  or  $\text{COOR}_6$  group in which  $\text{R}_6$  represents H, or a linear, branched, or cyclic alkyl group, with 1 to 8 carbon atoms, or an aryl group, or an alcohol depopulated of electrons,

. or Z and W form in combination with the carbon atom which carries them a ring designated Meldrum's acid with the following formula:

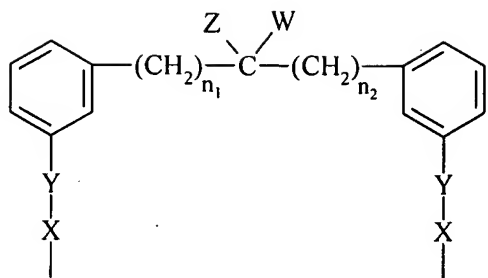


.  $\text{R}_a$  corresponds to the definition previously given for  $\text{R}_1$ , or the side chain of a natural or modified amino acid, and

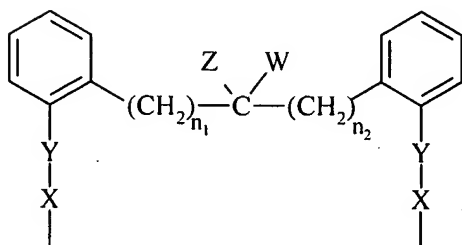
.  $\text{R}_b$  corresponds to the definition previously given for  $\text{R}_1$ , and

E represents in combination with F, and H represents in combination with G, independently of each other,  $\text{CH}=\text{CH}$ , or  $\text{CH}_2-\text{CH}_2$ .

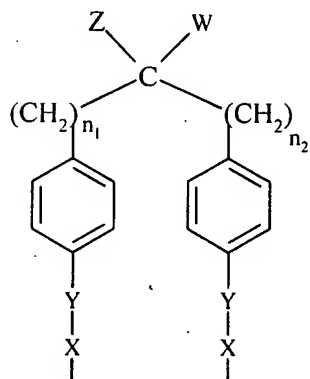
21. (previously presented) The compound according to claim 20, wherein the chain formations of formula (1) are chosen from the following:



or



or



and the Z and W groups are:

- (i) either directed towards the interior of said compound and are situated above or below the porphyrin macrocycle plane according to whether said chain formation of formula (1) is situated respectively in  $\alpha$  position or in  $\beta$  position (respectively designated  $Z_{i\alpha}$  and  $W_{i\alpha}$ , or  $Z_{i\beta}$  or  $W_{i\beta}$ ), or

(ii) directed towards the exterior of said compounds (respectively designated Ze and We).

22. (previously presented) The compound according to claim 20, wherein A, B, C, and D are in ortho position, and/or E represents in combination with F, and H represents in combination with G,  $\text{CH}_2\text{-CH}_2$ .

23. (withdrawn) The compound according to claim 20, wherein A forms with C (A-C chain), and B forms with D (B-D chain), chain formations of formula (1), these two chain formations being situated in a position.

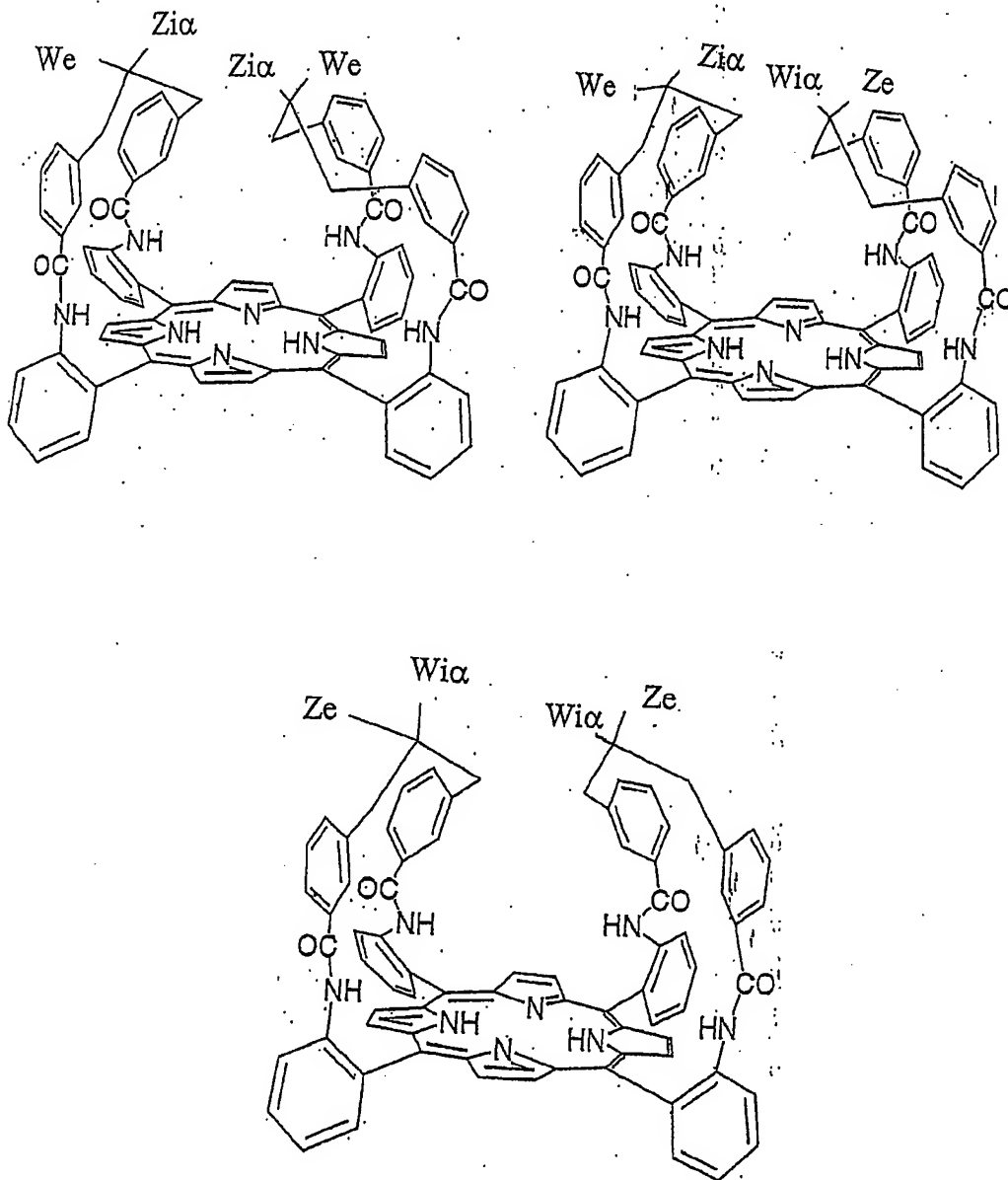
24. (withdrawn) The compound according to claim 23, wherein

the A-C chain formation and B-D chain formation each comprises a Zia group and a We group, or

the A-C chain formation comprises a Zia group and a We group, and the B-D chain formation comprises a Ze group and a Wia group, or

the A-C chain formation and B-D chain formation each comprises a Ze group and a Wia group.

25. (withdrawn) The compound according to claim 23 of the following formulae:



26. (withdrawn) The compound according to claim 20, wherein A forms with C an A-C chain formation of formula (1)

situated in a position, and B forms with D a B-D chain formation of formula (1) situated in b position.

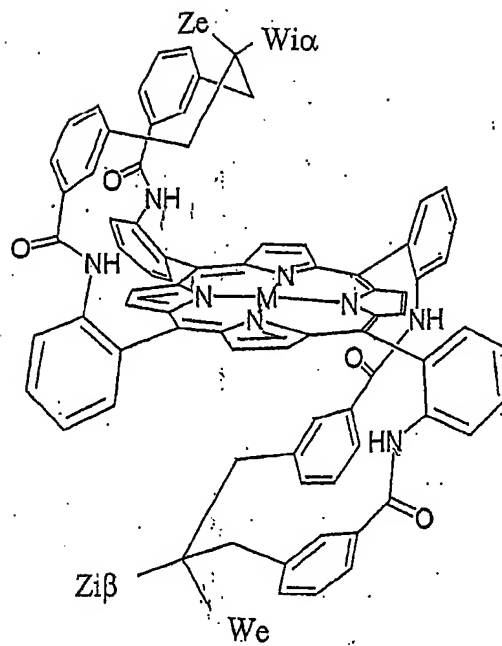
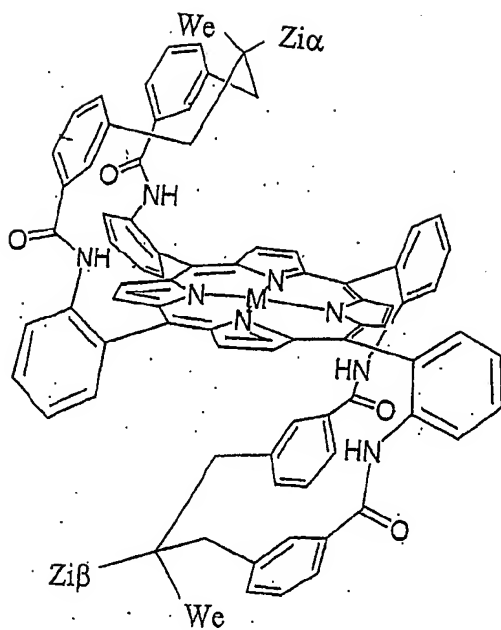
27. (withdrawn) The compound according to claim 26 wherein

the A-C chain formation comprises a Zia group and a We group, and the B-D chain formation comprises a Zib group and a We group, or

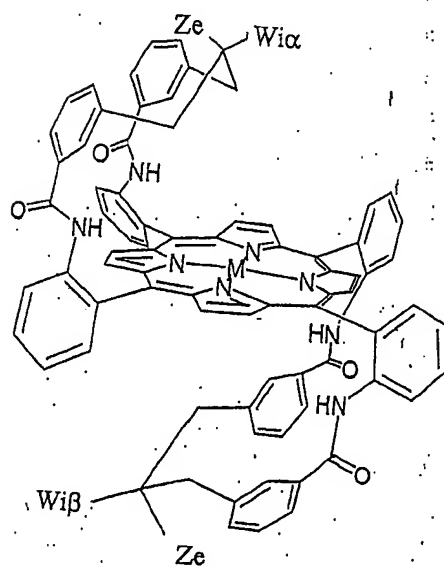
the A-C chain formation comprises a Ze group and a Wia group, and the B-D chain formation comprises a Zib group and a We group, or

the A-C chain formation comprises a Ze group and a Wia group, and the B-D chain formation comprises a Ze group and a Wib group.

28. (withdrawn) The compound according to claim 26 of the following formulae:



or





29. (previously presented) The compound according to claim 20, wherein A forms with D an A-D chain formation of formula (1) situated in b position, and B forms with C, a B-C chain formation of formula (1) situated in a position.

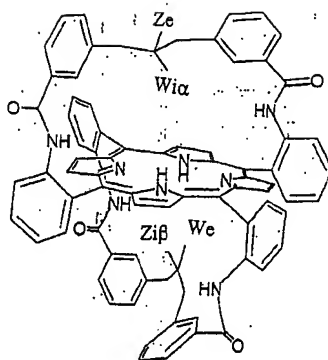
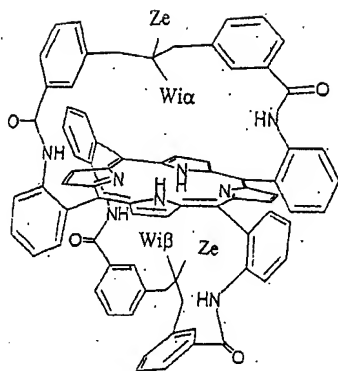
30. (previously presented) The compound according to claim 29, wherein

the A-D chain formation comprises a Ze group and a Wib group, and the B-C chain formation comprises a Ze group and a Wia group, or

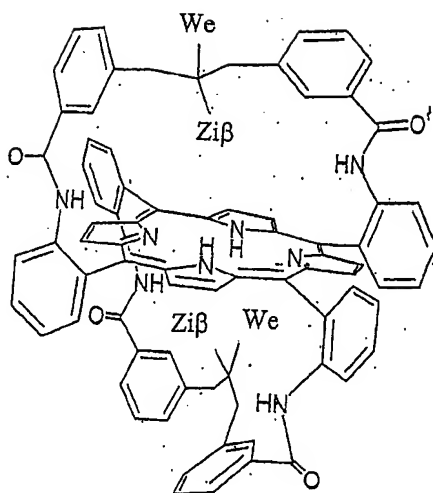
the A-D chain formation comprises a Zib group and a We group, and the B-C chain formation comprises a Ze group and a Wia group, or

the A-D and B-C chain formations each comprise a Zib group and a We group.

31. (withdrawn) The compound according to claim 29, of the following formulae:



or



32. (withdrawn) A complex between a compound according to claim 20, and a radioelement chosen from the a emitters, or a divalent or trivalent metallic element.

33. (withdrawn) A complex between a compound according to claim 20, and an a-emitter radioelement chosen from bismuth-212, bismuth-213, actinium-225, or astatine-211.

34. (withdrawn) A complex between a compound according to claim 20, and a divalent or trivalent metallic element chosen from Y(III), In(III), Cd(II), Mg(II), Mn(III), Fe(III), B(III) and the lanthanides.

35. (withdrawn) A pharmaceutical composition comprising a complex according to claim 32, in combination with a pharmaceutically acceptable vehicle.

36. (withdrawn) The pharmaceutical composition according to claim 35, wherein the composition is in a form that can be administered by intravenous route.

37. (withdrawn) The compound according to claim 20, wherein  $R_3$  represents  $Na^+$  or  $K^+$ .

38. (withdrawn) The compound according to claim 20, wherein the alcohol depopulated of electrons is a para-nitro phenol group or the para-nitro phenol group.